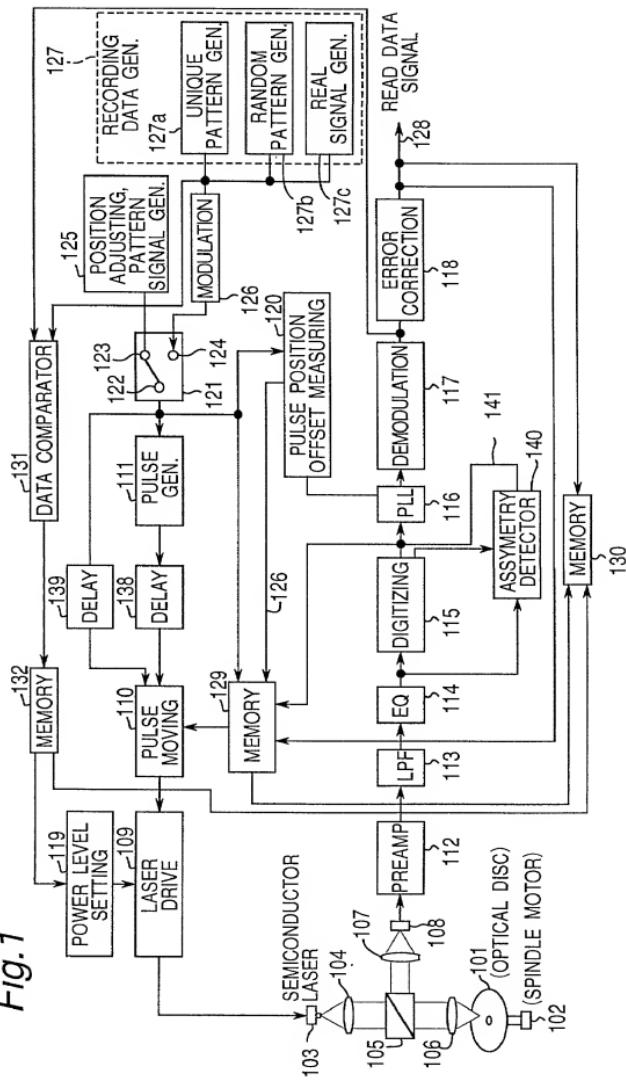


Fig. 1



*Fig.2*

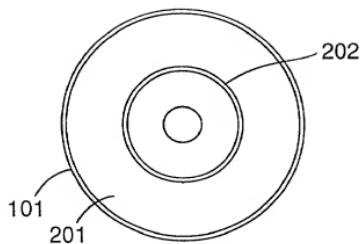
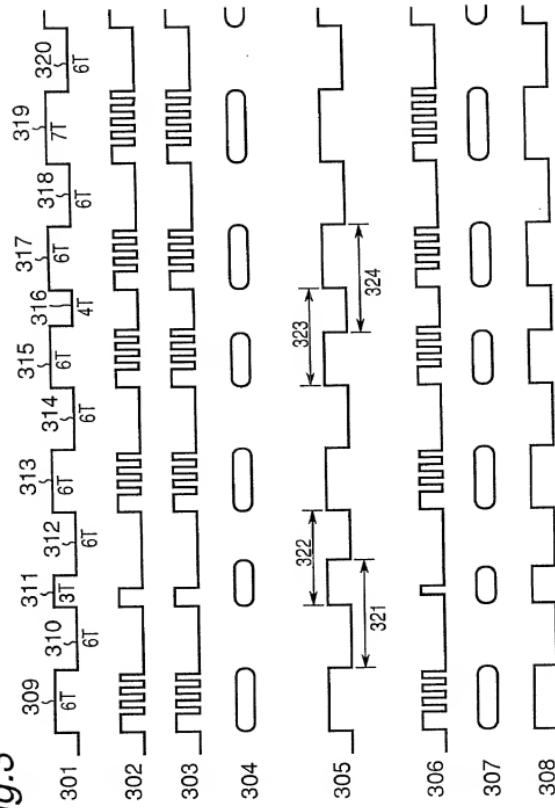
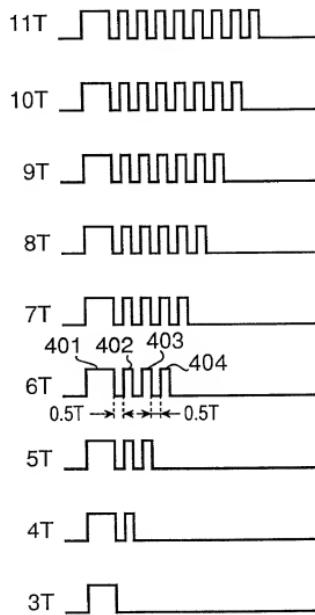


Fig.3



*Fig.4*



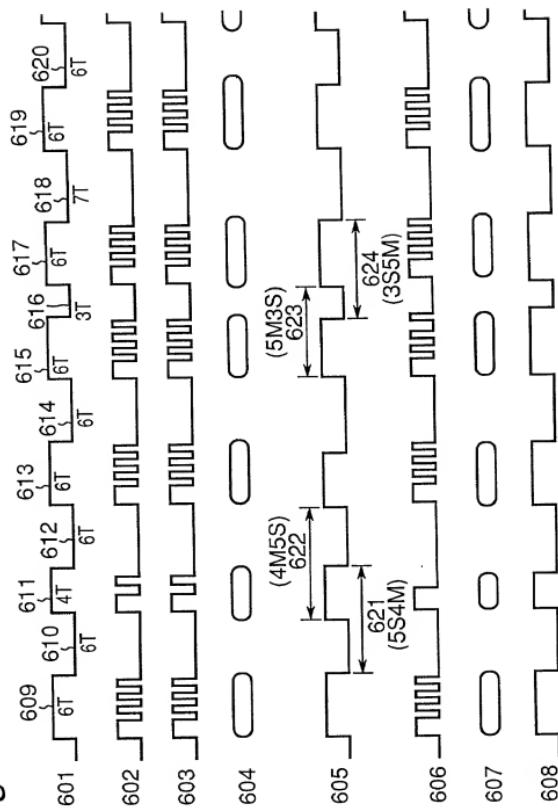
FIRST PULSE MOVEMENT (TF)	PRECEDING SPACE SIGNAL	3T	MARK SIGNAL ≥5T	LAST PULSE MOVEMENT (TL)	MARK SIGNAL		
					4T	3T	3T
≥5T	5S5M	5S4M	5S3M	≥5T	5M5S	4M5S	3M5S
4T	4S5M	4S4M	4S3M	4T	5M4S	4M4S	3M4S
3T	3S5M	3S4M	3S3M	3T	5M3S	4M3S	3M3S

Fig.5A

FIRST PULSE MOVEMENT (TF)	PRECEDING SPACE SIGNAL	3T	MARK SIGNAL ≥5T	LAST PULSE MOVEMENT (TL)	MARK SIGNAL		
					4T	3T	3T
≥5T	5S5M 0 5S4M 0 5S3M 0	≥5T	5M5S 0 4M5S 0 3M5S 0	≥5T	5M5S 0 4M5S 0 3M5S 0	4T	3T
4T	4S5M 0 4S4M 0 4S3M 0	4T	5M4S 0 4M4S 0 3M4S 0	4T	5M4S 0 4M4S 0 3M4S 0	3T	3T
3T	3S5M 0 3S4M 0 3S3M 0	3T	5M3S 0 4M3S 0 3M3S 0	3T	5M3S 0 4M3S 0 3M3S 0		

Fig.5B

Fig.6



*Fig. 7*

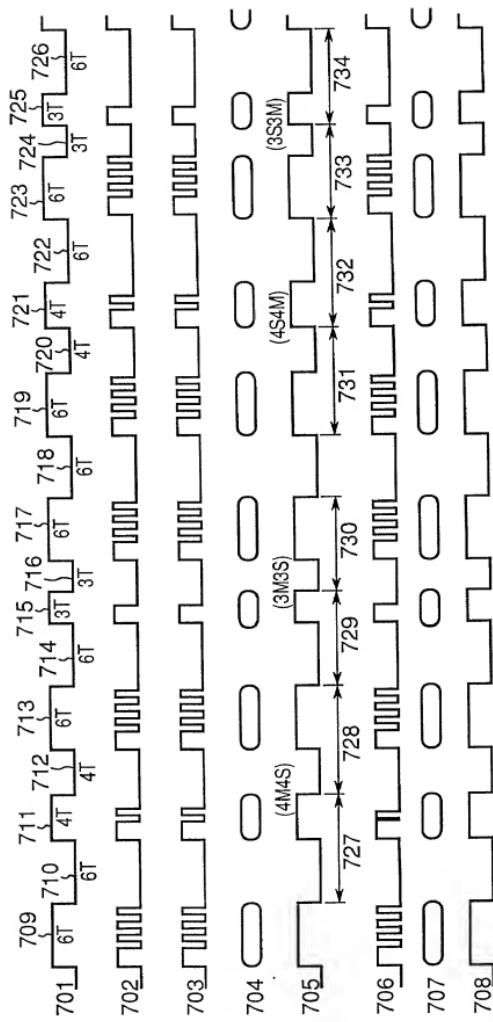


Fig.8

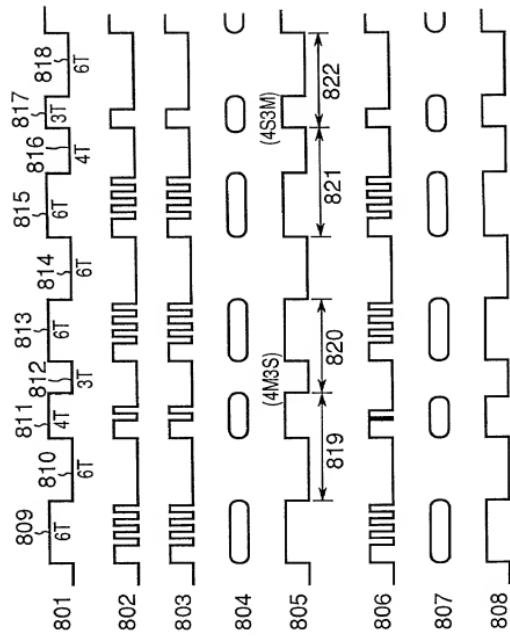
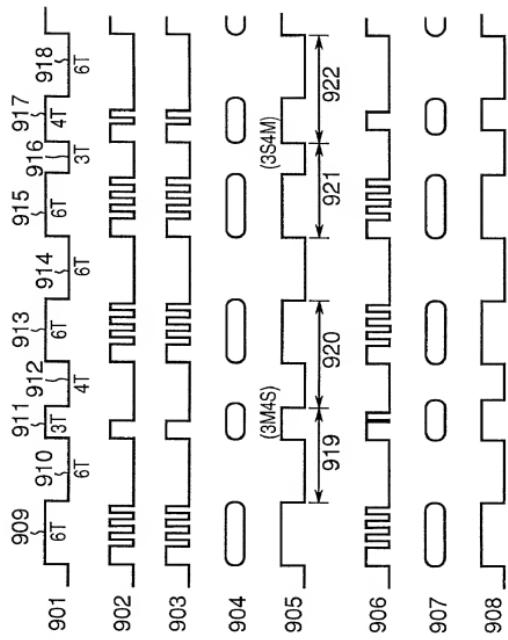
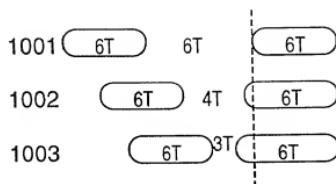


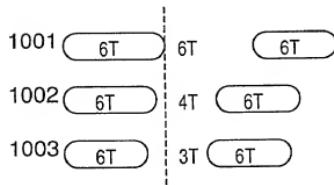
Fig.9



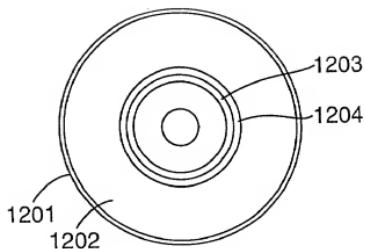
*Fig.10*



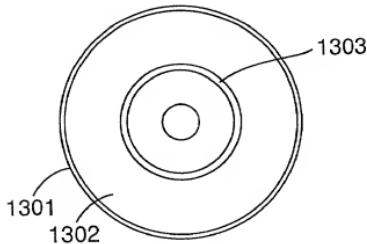
*Fig.11*



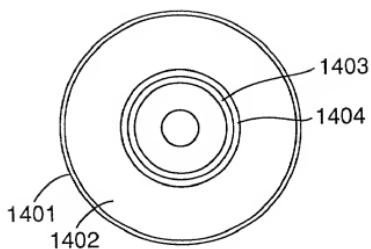
*Fig. 12*



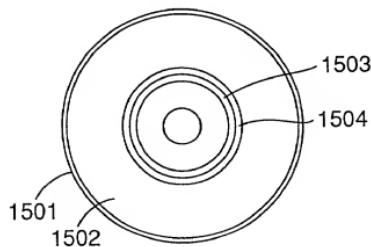
*Fig. 13*



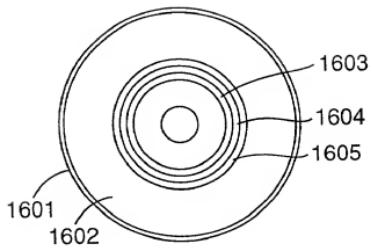
*Fig.14*



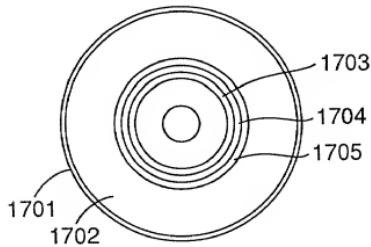
*Fig.15*



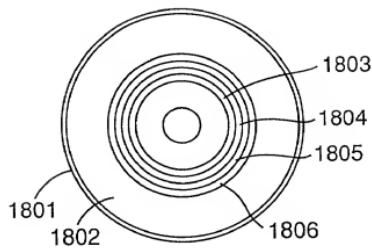
*Fig. 16*



*Fig. 17*



*Fig.18*



*Fig. 19*

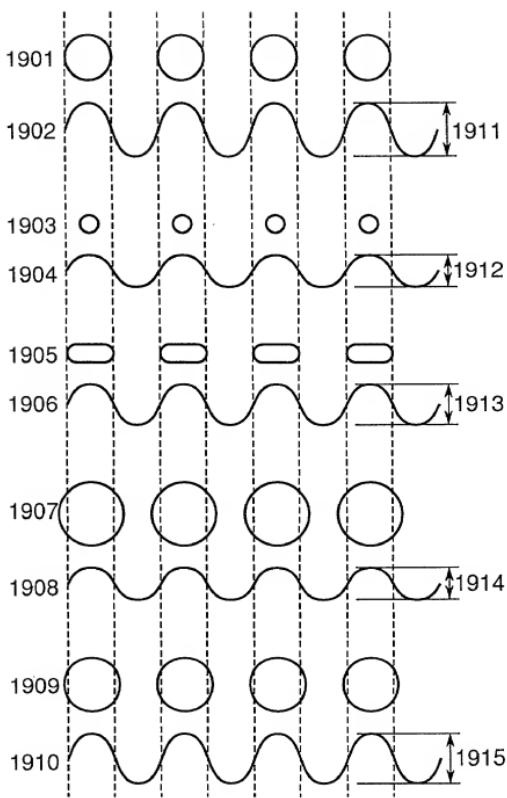


Fig.20A

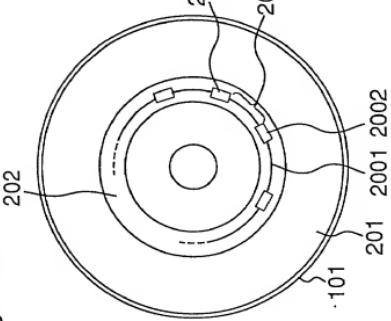


Fig.20B

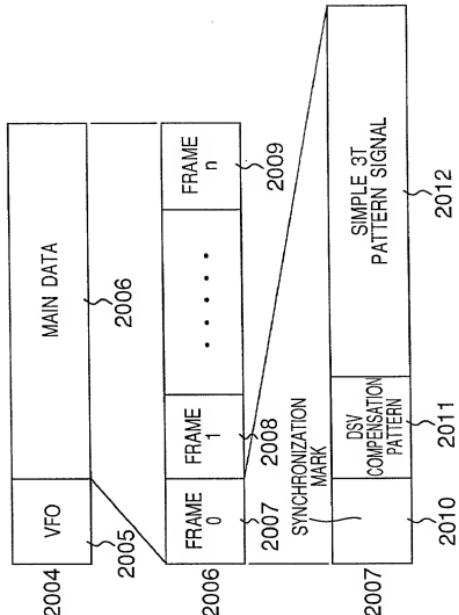


Fig.20C

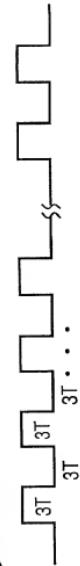


Fig.21

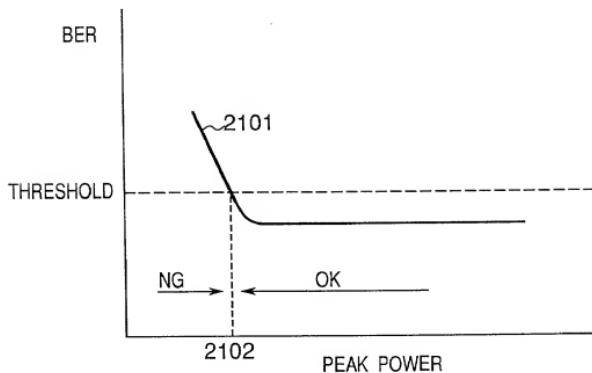
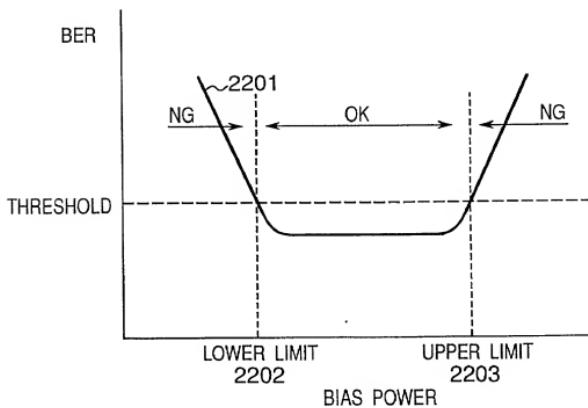
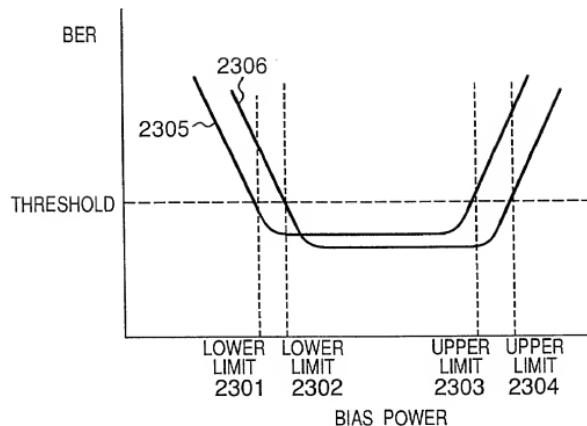


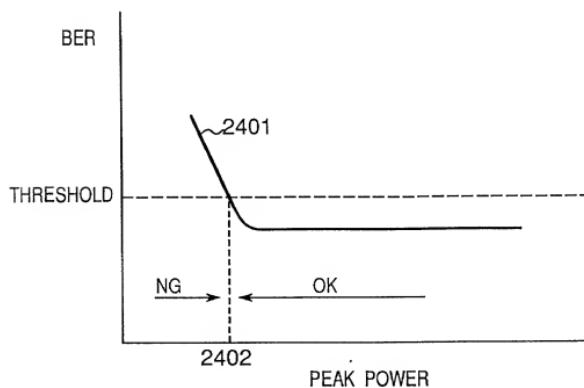
Fig.22



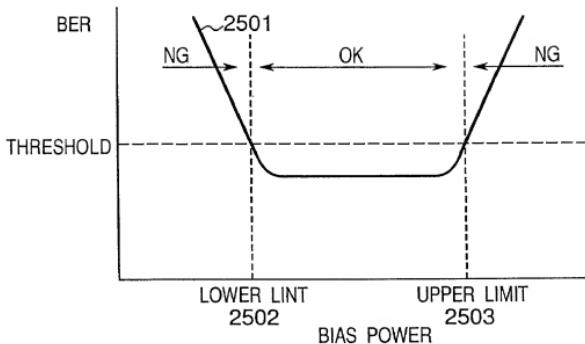
*Fig.23*



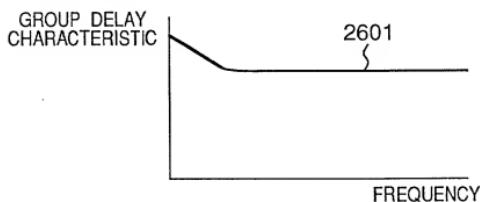
*Fig.24*



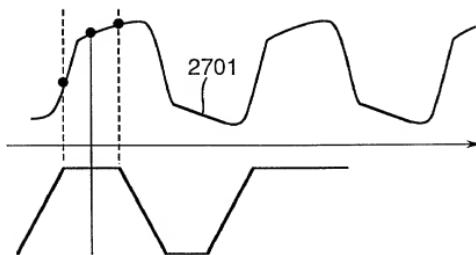
*Fig.25*



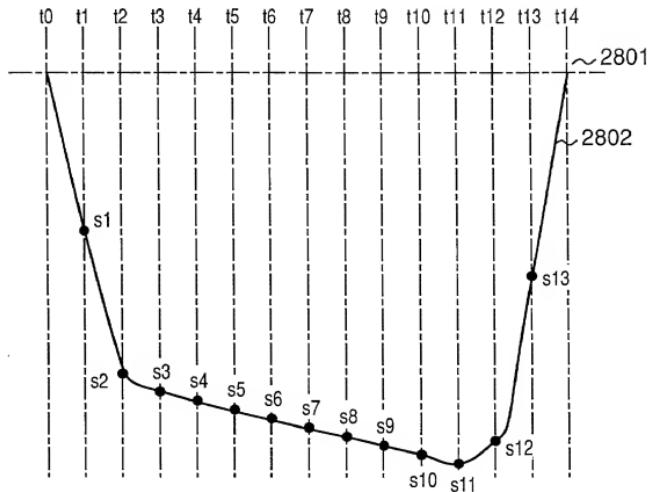
*Fig.26*



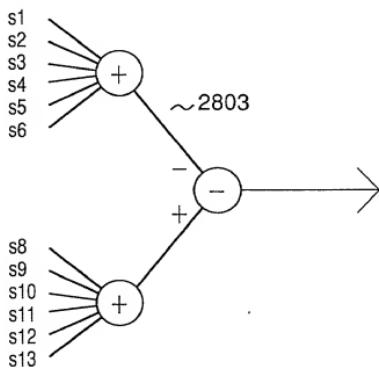
*Fig.27*



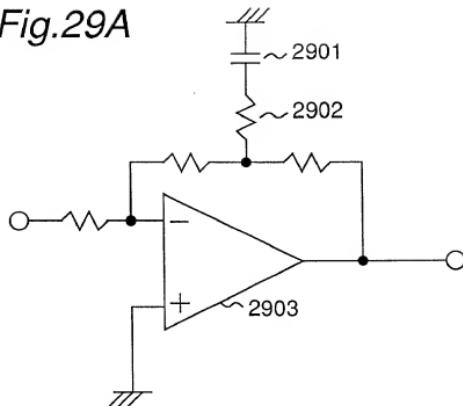
*Fig.28A*



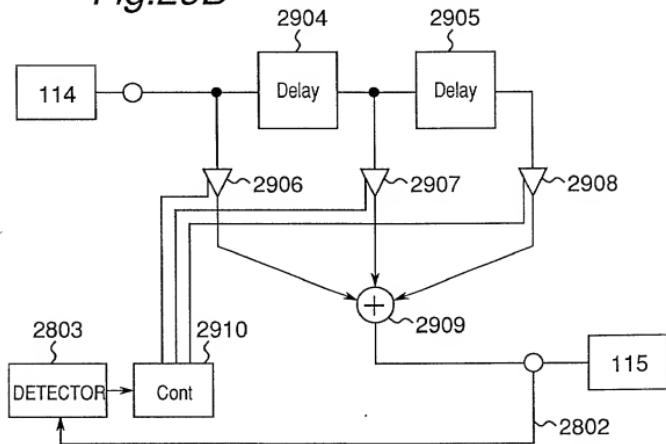
*Fig.28B*



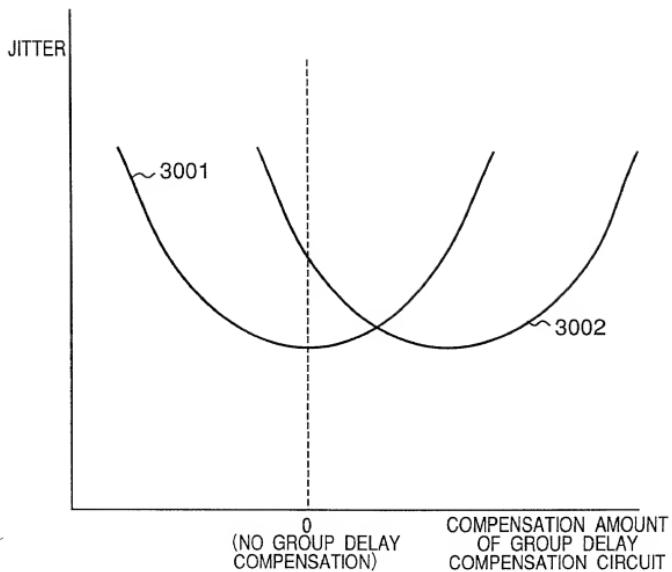
*Fig.29A*



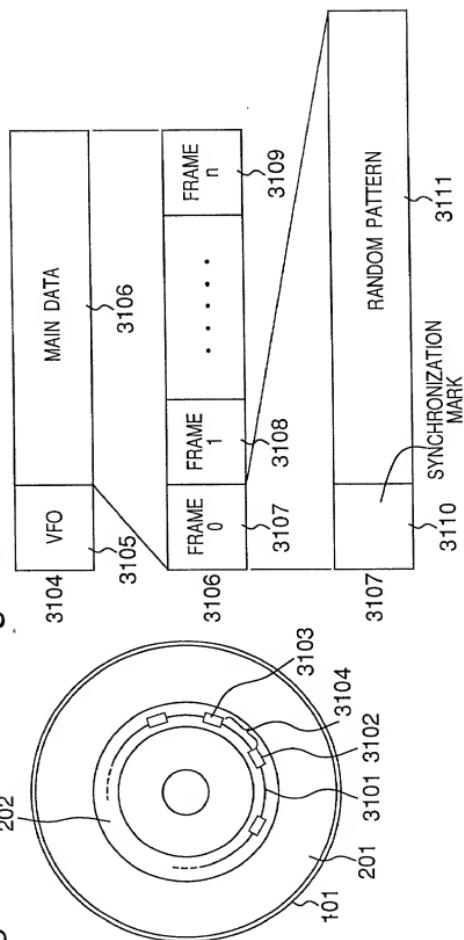
*Fig.29B*



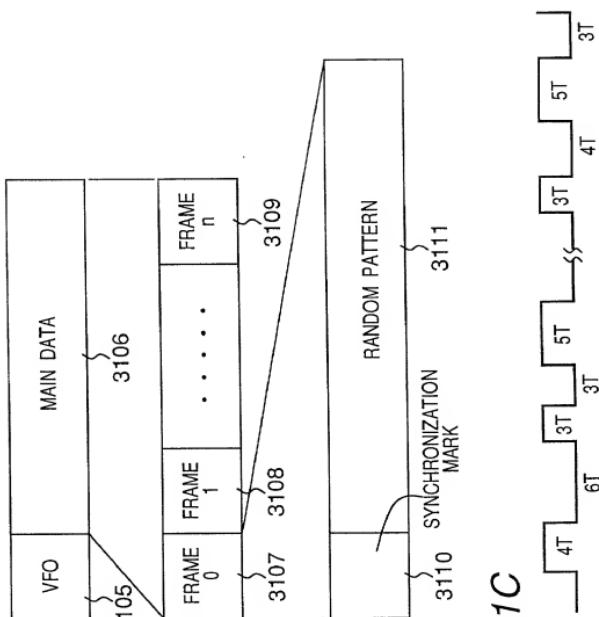
*Fig.30*



*Fig.31A*

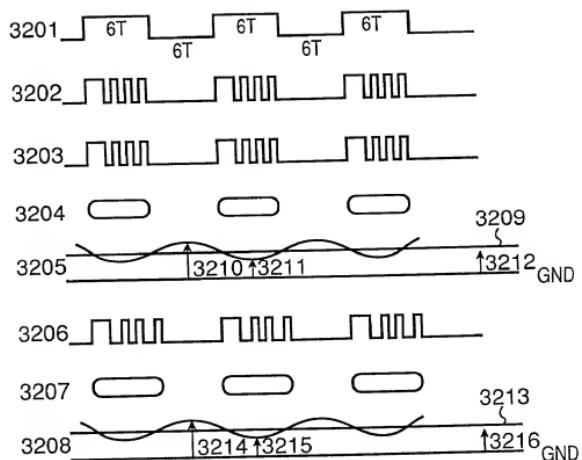


*Fig.31B*



*Fig.31C*

*Fig.32*



*Fig.33*

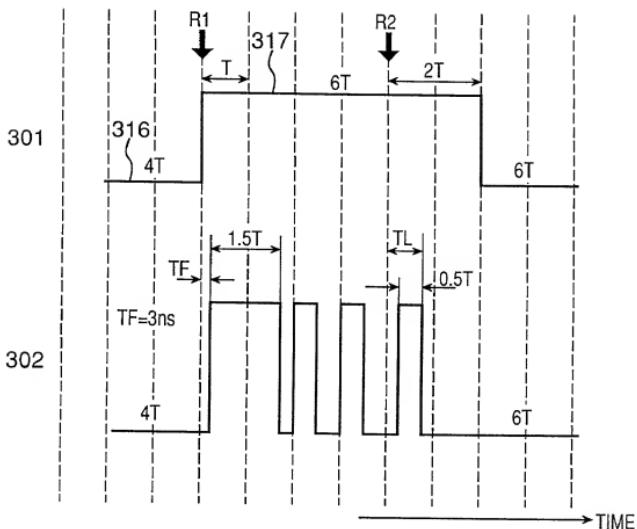


Fig. 34

INSIDE CIRCUMFERENCE SIDE	
PIT AREA	<b>INITIALIZATION ZONE</b> CONTROL DATA ZONE    DISC TYPE READ P PULSE ADJUSTMENT METHOD TEMPORARY P INFO (GEN) (PEAK P, BIAS P, MARGIN CONSTANT, ASYMMETRY) OPERATIONAL P INFO (GEN) (PEAK P, BIAS P, MARGIN CONSTANT) ASYMMETRY (GEN) PULSE POSITION INFO (GEN) DISC SPECIFIC INFO
MIRROR AREA	REPEAT THE ABOVE FOR FAIL SAFE
	<b>CONNECTION ZONE</b> GUARD TRACK ZONE 1 DISC TEST ZONE 1 DRIVE TEST ZONE1 RECORDER-SPECIFIC INFO 1    RECORDER-SPECIFIC INFO 1 TEMPORARY P INFO (UNIQUE) (PEAK P, BIAS P, MARGIN CONSTANT, ASYMMETRY) OPERATIONAL P INFO (UNIQUE) (PEAK P, BIAS P, MARGIN CONSTANT) PULSE POSITION INFO (UNIQUE) (ASYMMETRY) P MARGIN INFO RECORDER-SPECIFIC INFO 2 TEMPORARY P INFO (UNIQUE) (PEAK P, BIAS P, MARGIN CONSTANT, ASYMMETRY) OPERATIONAL P INFO (UNIQUE) (PEAK P, BIAS P, MARGIN CONSTANT) PULSE POSITION INFO (UNIQUE) (ASYMMETRY) P MARGIN INFO . . . RECORDER-SPECIFIC INFO n TEMPORARY P INFO (UNIQUE) (PEAK P, BIAS P, MARGIN CONSTANT, ASYMMETRY) OPERATIONAL P INFO (UNIQUE) (PEAK P, BIAS P, MARGIN CONSTANT) PULSE POSITION INFO (UNIQUE) (ASYMMETRY) P MARGIN INFO
RECORDING AREA	REPEAT THE ABOVE FOR FAIL SAFE
	DISC ERROR MANAGEMENT AREA 1 DATA AREA

Fig. 35

DATA AREA	
<b>DISC ERROR MANAGEMENT AREA 2</b>	
RECODER-SPECIFIC INFO RECORDING ZONE 2	RECODER-SPECIFIC INFO 1 TEMPORARY P INFO (UNIQUE) (PEAK P, BIAS P, MARGIN CONSTANT, ASYMMETRY) OPERATIONAL P INFO (UNIQUE) (PEAK P, BIAS P, MARGIN CONSTANT) PULSE POSITION INFO (UNIQUE) (ASYMMETRY) P MARGIN INFO
	RECODER-SPECIFIC INFO 2 TEMPORARY P INFO (UNIQUE) (PEAK P, BIAS P, MARGIN CONSTANT, ASYMMETRY) OPERATIONAL P INFO (UNIQUE) (PEAK P, BIAS P, MARGIN CONSTANT) PULSE POSITION INFO (UNIQUE) (ASYMMETRY) P MARGIN INFO
	•
	RECODER-SPECIFIC INFO 3 TEMPORARY P INFO (UNIQUE) (PEAK P, BIAS P, MARGIN CONSTANT, ASYMMETRY) OPERATIONAL P INFO (UNIQUE) (PEAK P, BIAS P, MARGIN CONSTANT) PULSE POSITION INFO (UNIQUE) (ASYMMETRY) P MARGIN INFO
REPEAT THE ABOVE FOR FAIL SAFE	
	DRIVE TEST ZONE 2
	DISC TEST ZONE 2
	GUARD TRACK ZONE 2
OUTSIDE CIRCUMFERENCE SIDE	

*Fig.36*

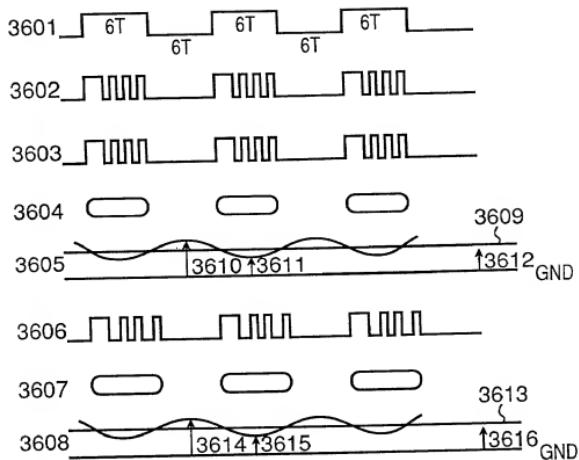


Fig. 37

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DISC-SPECIFIC INFO 1
TEMPORARY P INFO
(PEAK P, BIAS P, MARGIN CONSTANT, ASYMMETRY)
OPERATIONAL P INFO
(PEAK P, BIAS P, MARGIN CONSTANT)
ASYMMETRY
PULSE POSITION INFO
DISC-SPECIFIC INFO 2
TEMPORARY P INFO
(PEAK P, BIAS P, MARGIN CONSTANT, ASYMMETRY)
OPERATIONAL P INFO
(PEAK P, BIAS P, MARGIN CONSTANT)
ASYMMETRY
PULSE POSITION INFO
.
.
.
DISC-SPECIFIC INFO n
TEMPORARY P INFO
(PEAK P, BIAS P, MARGIN CONSTANT, ASYMMETRY)
OPERATIONAL P INFO
(PEAK P, BIAS P, MARGIN CONSTANT)
ASYMMETRY
PULSE POSITION INFO
POWER MARGIN INFO

REPEAT THE ABOVE FOR FAIL SAFE

Fig. 38

